



Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.  
AP32573-A-A

Serial No.  
09/653,182

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**  
(Use several sheets if necessary)

Applicant  
Robbins et al.

Filing Date  
August 31, 2000

Group  
1645

**U.S. PATENT DOCUMENTS**

*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
1	5 3 3 8 6 6 5	08/16/94	Schatz et al.			

**FOREIGN PATENT DOCUMENT**

	Document No.	Date	Country	Class	SubClass	Translator Yes No
1	9 9 1 0 4 8 5	03/04/99	PCT			
2	9 9 0 6 5 4 2	02/11/99	PCT			
3	0 9 0 3 4 0 8	03/24/99	Europe			
4	9 8 5 1 8 2 5	11/19/98	PCT			
5	9 8 5 1 3 2 5	11/19/98	PCT			

**OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)**

1	Schwarze and Dowdy, 2000, <i>TIPS</i> 21: 45-48.
2	Elliot and O'Hare, 2000, <i>J. Virol.</i> 74: 2131-2141.
3	Branden et al., 1999, <i>Nat. Biotechnol.</i> 17: 784-787.
4	Brown & Wauters, 1999, <i>Cancer Res.</i> 59: 1391-1399.
5	Ellerby et al., 1999, <i>Nat. Med.</i> 5: 1032.
6	Derer et al., 1999, <i>J. Mol. Med.</i> 77: 609-613.
7	Gambotto et al., 1999, <i>Cancer Gene Ther.</i> 6: 45.

Examiner

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8			Hiroshi et al., 1999, <i>Gene Ther.</i> 6: 1988.
9			Ivanenkov and Menon, 1999, <i>Biochem. et Biophys. Acta</i> 1448: 463-472.
10			Ivanenkov and Menon, 1999, <i>Biochem. et Biophys. Acta</i> 1448: 450-462
11			Kim et al., 1999, <i>Cancer Immunol. Immunother.</i> 47: 257.
12			Osaki et al., 1999, <i>Gene Ther.</i> 6: 808.
13			Pittenger et al., 1999, <i>Science</i> 284: 143.
14			Nishioka et al., 1999, <i>Cancer Res.</i> 59: 4035.
15			Shwarze et al., 1999, <i>Science</i> 285: 1569-1572.
16			Vocero-Akbani et al., 1999, <i>Nat. Med.</i> 5: 29-33.
17			Yamabe et al., 1999, <i>Gene Ther.</i> 6: 1952-1959.
18			Derossi et al., 1998, <i>Trends in Cell Biol.</i> 8: 84-87.
19			Ghivizzani et al., 1998, <i>Proc. Natl. Acad. Sci. USA</i> 95: 4613
20			Mangency and Heidmann, 1988, <i>Proc. Natl. Acad. Sci. USA</i> 95: 14920.

Examiner

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21			Nagahara et al., 1998, <i>Nat. Med.</i> 4: 1449-1452.
22			Noffz et al., 1988, <i>J. Immunol.</i> 160: 345.
23			Osaki et al., 1998, <i>J. Immunol.</i> 160: 1742.
24			Sakai et al., 1998, <i>Arthritis Rheum.</i> 41:1251-1257.
25			Villaverde et al., 1998, <i>Biotechnol. and Bioeng.</i> 59: 294-301.
26			Wakisaka et al., 1998, <i>Clin. Exp. Immunol.</i> 114: 119-128.
27			Cayeux et al., 1997, <i>J. Immunol.</i> 158: 2834.
28			Elliot and O'Hare, 1997, <i>Cell</i> 188: 223-233.
29			Felgner, 1997, <i>Sci. Am.</i> 276: 102-106.
30			Ghivizzani et al., 1997, <i>Gene Ther.</i> 4: 977.
31			Ghivizzani et al., 1997, <i>J. immunol.</i> 159: 3604.
32			Kato and Sugiyama, 1997, <i>Crit. Rev. Ther. Drug Carrier Syst.</i> 14: 287-331.
33			Kirpotin et al., 1997, <i>Biochemistry</i> 36: 66-75.

Examiner

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Robbins et al.

Filing Date  
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Group  
1645

34		Knudsen and Nielsen, 1997, <i>Anticancer Drugs</i> 8: 113-118.
35		Spragg et al., 1997, <i>Proc. Natl. Acad. Sci. USA</i> 94: 8795-8800.
36		Szardenings et al., 1997, <i>J. Biol. Chem.</i> 272: 27943-27948.
37		Vives et al., 1997, <i>J. Biol. Chem.</i> 272: 16010-16017.
38		Barry and Johnson, 1996, <i>Nat. Med.</i> 2: 299-305.
39		Berlose et al., 1996, <i>Eur. J. Biochem.</i> 242: 372.
40		Derossi et al., 1996, <i>J. Biochem.</i> 217: 18188-18193.
41		Fitzgerald, 1996, <i>Semin. Cancer Biol.</i> 7: 87-95.
42		Moy et al., 1996, <i>Mol. Biotechnol.</i> 6: 105-113.
43		Nita et al., 1996, <i>Arthritis Rheum.</i> 39: 820.
44		Ohno et al., 1996, <i>J. Immunol.</i> 156: 3875.
45		Sato et al., 1996, <i>Adv. Drug Deliv. Rev.</i> 19: 445-467.
46		Zeigler et al., 1996, <i>Transplantation</i> 61: 812-817.

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Applicant  
Robbins et al.

Filing Date  
August 31, 2000

Group  
1645

47			Wickham et al., 1995, <i>Gene Ther.</i> 2: 750-756.
48			Berns and Giraud, 1995, <i>Ann. N. Y. Acad. Sci.</i> 772: 95-104.
49			Haneberg et al., 1995, <i>Adv. Exp. Med. Biol.</i> 371A: 107-109.
50			Smith, 1995, <i>Ann. Rev. Microbiol.</i> 49: 807-838.
51			Yang et al., 1995, <i>J. Virol.</i> 69: 2004-2015.
52			Fawell et al., 1994, <i>Proc. Natl. Acad. Sci. USA</i> 91: 664-668.
53			Kuzel and Rosen, 1994, <i>Curr. Opin. Oncol.</i> 6: 622-626.
54			Sreerama and Woody, 1994, <i>Biochemistry</i> 33: 10022-10025.
55			Weitzman et al., 1994, <i>Proc. Natl. Acad. Sci. USA</i> 91: 5808-5812.
56			Kozarsky and Wilson, 1993, <i>Curr. Opin. Genet. Dev.</i> 3: 49-50.
57			Miller et al., 1993, <i>Lab Invest.</i> 68: 129-145.
58			Mulligan, 1993, <i>Science</i> 260: 926-932.
59			Vitetta et al., 1993, <i>Immunol. Today</i> 14: 252-259.

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60			Zatloukal et al., 1993, <i>Gene</i> 135: 199-207.
61			Wagner et al., 1992, <i>Proc. Natl. Acad. Sci.</i> 89: 6099-6103.
62			Wagner et al., 1992, <i>Proc. Natl. Acad. Sci.</i> 89: 7934-7938.
63			Evans, 1991, <i>Agents Actions Suppl.</i> 32: 135-152.
64			Curiel et al., 1991, <i>Proc. Natl. Acad. Sci.</i> 88: 8850-8854.
65			Basu, 1990, <i>Biochem. Pharmacol.</i> 40: 1941-1946.
66			Wu and Wu, 1989, <i>J. Biol. Chem.</i> 264: 16985-16987.
67			Frankel and Pabo, 1988, <i>Cell</i> 55: 1189-1193.
68			Green and Lowenstein, 1988, <i>Cell</i> 55: 1179-1188.
69			Wu and Wu, 1988, <i>J. Biol. Chem.</i> 263: 14621-14624.
70			Wu and Wu, 1987, <i>J. Biol. Chem.</i> 262: 4429-4432.
71			Bayer et al., 1976, <i>Histochem. Cytochem.</i> 24: 933-939.

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